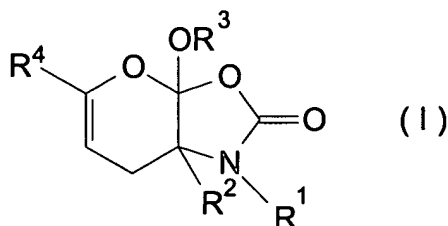


LISTING OF CLAIMS

1. (currently amended) A 7a-alkoxy-4H-pyrano[3,2-d]-oxazol-2(3H)-one represented by the formula (I):



wherein R¹ represents a hydrogen atom, an alkyl group, an alkenyl group, an aryl group or an aralkyl group; R² represents a hydrogen atom; R³ is a methyl group ~~represents an alkyl group, a cycloalkyl group, an alkenyl group, an aryl group or an aralkyl group, provided that a 2-alkenyl group is excluded from the alkenyl group of R³; and R⁴ represents a methyl group or a n-propyl group.~~

2. (currently amended) The 7a-alkoxy-4H-pyrano[3,2-d]-oxazol-2(3H)-one according to claim 1, wherein

R¹ represents an alkyl group, a phenyl group or an aralkyl group, R² represents a hydrogen atom, R³ is a methyl ~~represents an alkyl group, a cycloalkyl group or an aryl group, and R⁴ represents a methyl group or a n-propyl group.~~

3. (currently amended) The 7a-alkoxy-4H-pyrano[3,2-d]-oxazol-2(3H)-one according to claim 1, wherein R¹ represents a benzyl group, a 1-phenylethyl group, a diphenylmethyl group, a phenyl group, a (1-naphthyl)methyl group or a 1-(1-naphthyl)ethyl group, R² represents a hydrogen atom, R⁴ represents a methyl group ~~or a n-propyl group~~.

4. (previously presented) The 7a-alkoxy-4H-pyrano[3,2-d]-oxazol-2(3H)-one according to claim 1, wherein the 7a-alkoxy-4H-pyrano[3,2-d]-oxazol-2(3H)-one represented by the formula (I) is at least one compound selected from the group consisting of:

3-diphenylmethyl-7a-ethoxy-6-methyl-4H-pyrano[3,2-d]-oxazol-2(3H)-one;

3-diphenylmethyl-7a-methoxy-6-methyl-4H-pyrano[3,2-d]-oxazol-2(3H)-one;

~~3-diphenylmethyl-7a-((1)-menthyloxy)-6-methyl-4H-pyrano[3,2-d]-oxazol-2(3H)-one;~~

3-diphenylmethyl-3a-methyl-7a-methoxy-6-methyl-4H-pyrano[3,2-d]-oxazol-2(3H)-one;

3-(1-phenylethyl)-7a-methoxy-6-methyl-4H-pyrano[3,2-d]-oxazol-2(3H)-one;

~~3-(1-phenylethyl)-7a-isopropoxy-6-methyl-4H-pyrano[3,2-d]-oxazol-2(3H)-one;~~

~~3-(1-phenylethyl)-7a-((1)-menthyloxy)-6-methyl-4H-pyrano[3,2-d]-oxazol-2(3H)-one;~~

3-benzyl-7a-methoxy-6-methyl-4H-pyrano[3,2-d]-oxazol-2(3H)-one;

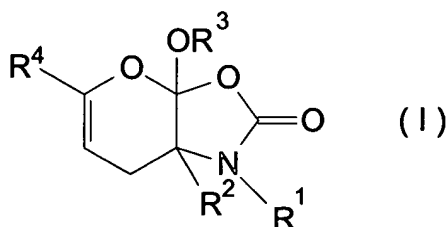
~~3-benzyl-7a-isopropoxy-6-methyl-4H-pyrano[3,2-d]-oxazol-2(3H)-one;~~

~~3-benzyl-7a-((1)-menthyloxy)-6-methyl-4H-pyrano[3,2-d]-oxazol-2(3H)-one;~~

~~3-(1-naphthyl)methyl-7a-isopropoxy-6-methyl-4H-pyrano[3,2-d]-oxazol-2(3H)-one;~~

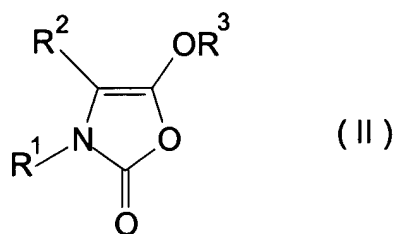
3-(1-(1-naphthyl)ethyl)-7a-methoxy-6-methyl-4H-pyrano[3,2-d]-oxazol-2(3H)-one.

5. (currently amended) A process for producing a 7a-alkoxy-4H-pyrano[3,2-d]-oxazol-2(3H)-one represented by the formula (I):

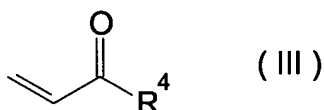


wherein R^1 represents a hydrogen atom, an alkyl group, an alkenyl group, an aryl group or an aralkyl group; R^2 represents a hydrogen atom; R^3 represents ~~an alkyl group, a cycloalkyl group, an alkenyl group, an aryl group or an aralkyl~~ a methyl group, ~~provided that a 2-alkenyl group is excluded from the alkenyl group of R^3~~ ; and R^4 represents a methyl group ~~or a n-propyl group~~, which

comprises reacting a 5-alkoxy-2(3H)-oxazolone represented by the formula (II):

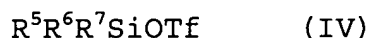


wherein R¹, R² and R³ are the same as defined above, with an α,β -unsaturated ketone represented by the formula (III):



wherein R⁴ is the same as defined above, in an organic solvent in the presence of a Lewis acid.

6. (original) The process for producing a 7a-alkoxy-4H-pyrano[3,2-d]-oxazol-2(3H)-one according to claim 5, wherein the Lewis acid is represented by the formula (IV):



wherein R⁵, R⁶ and R⁷ each independently represent an alkyl group having 1 to 6 carbon atoms and Tf represents a trifluoromethanesulfonyl group.

7. (currently amended) The 7a-alkoxy-4H-pyrano[3,2-d]-oxazol-2(3H)-one according to Claim 1, wherein R¹ is an alkyl group, an aralkyl group or a phenyl group, R² is a hydrogen atom,

R³ is ~~an alkyl~~ a methyl group, and R⁴ is a methyl group ~~or a n-propyl~~ group.

8. (currently amended) The 7a-alkoxy-4H-pyrano[3,2-d]-oxazol-2(3H)-one according to Claim 1, wherein R¹ is an alkyl group having 1 to 6 carbon atoms, an aralkyl group or a phenyl group, R² is a hydrogen atom, R³ is ~~an alkyl group having 1 to 6 carbon atoms~~ a methyl group, and R⁴ is a methyl group ~~or a n-propyl~~ group.

9. (Canceled)

10. (currently amended) The 7a-alkoxy-4H-pyrano[3,2-d]-oxazol-2(3H)-one according to Claim 1, wherein R³ is a methyl, ethyl, ~~n propyl, isopropyl, n butyl, sec butyl or tert butyl~~ group.

11-13 (canceled)

14. (previously presented) 3-diphenylmethyl-7a-methoxy-6-methyl-4H-pyrano[3,2-d]oxazol-2(3H)-one.

15. (canceled)